

Recombinant Full Length Human ACRBP Protein, GST-tagged

Cat. No. ACRBP-811HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACRBP full-length ORF (NP_115878.2, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	The protein encoded by this gene is similar to proacrosin binding protein sp32 precursor found in mouse, guinea pig, and pig. This protein is located in the sperm acrosome and is thought to function as a binding protein to proacrosin for packaging and condensation of the acrosin zymogen in the acrosomal matrix. This protein is a member of the cancer/testis family of antigens and it is found to be immunogenic. In normal tissues, this mRNA is expressed only in testis, whereas it is detected in a range of different tumor types such as bladder, breast, lung, liver, and colon. [provided by RefSeq, Jul 2008]
Molecular Mass	87.8 kDa
AA Sequence	MRKPAAGFLP SLLKVLLLPL APAAAQDSTQ ASTPGSPLSP TEYERFFALL TPTWKAETTC RLRATHGCRN PTLVQLDQYE NHGLVPDGAV CSNLPYASWF ESFCQFTHYR CSNHVYYAKR VLCSQPVSIL SPNTLKEIEA SAEVSPTTMT SPISPHFTVT ERQTFQPWPE RLSNNVEELL QSSLSLGGQE QAPEHKQEQQ VEHRQEPTQE HKQEEGQKQE EQEEEQEEEG KQEEGQGTKE GREAVSQLQT

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DSEPKFHSES LSSNPSSFAP RVREVESTPM IMENIQELIR SAQEIDEMNE
 IYDENSYWRN QNPGSLLQLP HTEALLVLCY SIVENTCIIT PTAKAWKYLE
 EEILGFGKSV CDSLGRRHMS TCALCDFCSL KLEQCHSEAS LQRQQCDTSH
 KTPFVSPLLA SQSLSIGNQV GSPESGRFYG LDLYGGLHMD FWCARLATKG
 CEDVRVSGWL QTEFLSFQDG DFPTKICDTD YIQYPNYCSF KSQQCLMRNR
 NRKVSRRMCL QNETYSALSP GKSEDVVLRW SQEFSTLTG QFG

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ACRBP acrosin binding protein [Homo sapiens]

Official Symbol

ACRBP

Synonyms

ACRBP; acrosin binding protein; acrosin-binding protein; cancer/testis antigen 23; CT23; OY TES 1; proacrosin binding protein sp32; SP32; cancer/testis antigen OY-TES-1; OY-TES-1; FLJ51160

Gene ID

84519

mRNA Refseq

NM_032489

Protein Refseq

NP_115878

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MIM	608352
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UniProt ID	Q8NEB7
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